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(54) DRIVE SYSTEM CLUTCH CONTROL DEVICE FOR VEHICLE

(57) Abstract:

PURPOSE: To simply perform the optimum clutch control perpetually by increasing the tightening force of a clutch means as the vehicle speed is increased or under the quick acceleration condition and increasing the tightening force of the clutch means as the centripetal acceleration is increased.

CONSTITUTION: A power distributing device 1 distributively transmits the engine driving force to front and rear or right and left driving wheels. A drive system clutch means 2 generates transfer torque via the control external force. A clutch control means 4 increases or decreases the clutch tightening force based on an input signal from a vehicle status detection means 3. In this control device, detection means 301W303 detecting the vehicle speed, acceleration operation, and centripetal acceleration respectively are provided as the detection means 3. The clutch control means 4 increases the tightening force of the clutch means 2 as the vehicle speed is increased and under the quick

acceleration condition and also acts as a correction means to increase the tightening force of the clutch means 2 as the centripetal acceleration is increased.

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